



SEQUENCE LISTING

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<120> NOVEL CHEMICAL COMPOUNDS

<130> TC00001

<140> 10/535,690
<141> 2005-05-19

<150> PCT/US2003/037658
<151> 2003-11-18

<150> 60/428,384
<151> 2002-11-22

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35 40 45
Val Leu Cys Asn Pro Ser Glu Pro Pro Pro Arg Arg Leu Asn Met
50 55 60
Thr Thr Glu Gln Phe Thr Gly Asp His Thr Gln His Phe Leu Asp Gly
65 70 75 80
Gly Glu Met Lys Val Glu Gln Leu Phe Gln Glu Phe Gly Asn Arg Lys
85 90 95
Ser Asn Thr Ile Gln Ser Asp Gly Ile Ser Asp Ser Glu Lys Cys Ser
100 105 110
Pro Thr Val Ser Gln Gly Lys Ser Ser Asp Cys Leu Asn Thr Val Lys
115 120 125
Ser Asn Ser Ser Lys Ala Pro Lys Val Val Pro Leu Thr Pro Glu
130 135 140
Gln Ala Leu Lys Gln Tyr Lys His His Leu Thr Ala Tyr Glu Lys Leu
145 150 155 160

Glu Ile Ile Asn Tyr Pro Glu Ile Tyr Phe Val Gly Pro Asn Ala Lys
 165 170 175
 Lys Arg His Gly Val Ile Gly Gly Pro Asn Asn Gly Gly Tyr Asp Asp
 180 185 190
 Ala Asp Gly Ala Tyr Ile His Val Pro Arg Asp His Leu Ala Tyr Arg
 195 200 205
 Tyr Glu Val Leu Lys Ile Gly Lys Gly Ser Phe Gly Gln Val Ala
 210 215 220
 Arg Val Tyr Asp His Lys Leu Arg Gln Tyr Val Ala Leu Lys Met Val
 225 230 235 240
 Arg Asn Glu Lys Arg Phe His Arg Gln Ala Ala Glu Glu Ile Arg Ile
 245 250 255
 Leu Glu His Leu Lys Lys Gln Asp Lys Thr Gly Ser Met Asn Val Ile
 260 265 270
 His Met Leu Glu Ser Phe Thr Phe Arg Asn His Val Cys Met Ala Phe
 275 280 285
 Glu Leu Leu Ser Ile Asp Leu Tyr Glu Leu Ile Lys Lys Asn Lys Phe
 290 295 300
 Gln Gly Phe Ser Val Gln Leu Val Arg Lys Phe Ala Gln Ser Ile Leu
 305 310 315 320
 Gln Ser Leu Asp Ala Leu His Lys Asn Lys Ile Ile His Cys Asp Leu
 325 330 335
 Lys Pro Glu Asn Ile Leu Leu Lys His His Gly Arg Ser Ser Thr Lys
 340 345 350
 Val Ile Asp Phe Gly Ser Ser Cys Phe Glu Tyr Gln Lys Leu Tyr Thr
 355 360 365
 Tyr Ile Gln Ser Arg Phe Tyr Arg Ala Pro Glu Ile Ile Leu Gly Ser
 370 375 380
 Arg Tyr Ser Thr Pro Ile Asp Ile Trp Ser Phe Gly Cys Ile Leu Ala
 385 390 395 400
 Glu Leu Leu Thr Gly Gln Pro Leu Phe Pro Gly Glu Asp Glu Gly Asp
 405 410 415
 Gln Leu Ala Cys Met Met Glu Leu Leu Gly Met Pro Pro Pro Lys Leu
 420 425 430
 Leu Glu Gln Ser Lys Arg Ala Lys Tyr Phe Ile Asn Ser Lys Gly Ile
 435 440 445
 Pro Arg Tyr Cys Ser Val Thr Thr Gln Ala Asp Gly Arg Val Val Leu
 450 455 460
 Val Gly Gly Arg Ser Arg Arg Gly Lys Lys Arg Gly Pro Pro Gly Ser
 465 470 475 480
 Lys Asp Trp Gly Thr Ala Leu Lys Gly Cys Asp Asp Tyr Leu Phe Ile
 485 490 495
 Glu Phe Leu Lys Arg Cys Leu His Trp Asp Pro Ser Ala Arg Leu Thr
 500 505 510
 Pro Ala Gln Ala Leu Arg His Pro Trp Ile Ser Lys Ser Val Pro Arg
 515 520 525
 Pro Leu Thr Thr Ile Asp Lys Val Ser Gly Lys Arg Val Val Asn Pro
 530 535 540
 Ala Ser Ala Phe Gln Gly Leu Gly Ser Lys Leu Pro Pro Val Val Gly
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